

ABSTRACT OF THE DISCLOSURE

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The demand regulator has a duct communicating a pressurized breathing gas admission with a tube connected to the inside of a breathing mask. Dilution air may be added to the breathing gas. A breathe-out valve opens from the tube to atmosphere. A manual control member has a normal position causing operation without an over pressure above atmosphere and with dilution and an emergency position causing the tube to be fed with pure breathing gas (typically oxygen) at high pressure. Operation with over pressure gas feed is prevented mechanically or pneumatically so long as the mask is being stored.